

Serial No. 09/629,321

Attorney Docket No. PF01869NA

Amendments to the Claims:

1. through 3. (Canceled)

4. (Currently Amended) An apparatus comprising:

at least one sensor communicating sensor ~~added~~ information to a communication device within a network to control a power consumption level of the communication device, wherein the communication device uses a service discovery protocol of a wireless ad hoc network to look for a fixed position sensor for ~~additional~~ the sensor information to adjust ~~reduce~~ the power consumption level of the communication device in response to the sensor information.

5. (Canceled)

Serial No. 09/629,321.

Attorney Docket No. PF01869NA

6. (Currently Amended) An apparatus comprising:

at least one sensor communicating sensor added information to a communication device within a network to control a power consumption level of the communication device, wherein the at least one sensor determines an orientation of the communication device and if the position of the wireless communication device is a first orientation, the communication device is placed in an active power mode and if the position of the communication device is a second orientation, the communication device is placed in a stand-by power mode to reduce overall power consumption of the communication device in response to the sensor information.

7. through 12. (Canceled)

Serial No. 09/629,321

Attorney Docket No. PF01869NA

13. (Currently Amended) A method of improving battery life of a wireless communication device, comprising:

sensing environmental conditions within a predetermined distance of the wireless communication device with a plurality of coupled sensors, each sensor of the plurality of sensors being selected from the group consisting of a crowd sensor, a range sensor, a moisture sensor and a sound sensor;

determining a usage pattern match based on the sensed environmental conditions; and

adjusting a power consumption level of the wireless communication device in accordance with the usage pattern match, wherein the wireless communication device switches from a standby power mode to an active mode when the sensed environmental conditions satisfy a predetermined condition and automatically transmits a predetermined message to a predetermined device after the predetermined condition is satisfied.

14. through 22. (Cancelled)